Air Live®
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SD-2020

2-Megapixel 20X Optical Zoom Speed Dome IP Camera

- 1/2.8" Sony Progressive CMOS Sensor
- Full HD 1080p + D1 Real-Time at Dual Streaming
- Up to 20x Optical Zoom
- Up to 30 fps @ 1080p Full HD
- Weather-Proof IP66 Rated Housing
- Pan / Tilt Resolution of 0.225˚
- Auto Focus
- Motion Detection
- 2-Way Audio
- Super Wide Dynamic Range
- -40°C ~ 50°C Wide Temperature Range
- Compatible with ONVIF Standard
- 802.3at Power over Ethernet Port
- Mechanical IR-Cut Filter Removable
- Micro SDHC Memory Card Slot for Local Storage

AirLive SD-2020 is 2-Megapixel Speed Dome IP Camera which integrates 20x optical AF lens, Sony progressive scan CMOS sensor, high-speed and precise pan/ tilt mechanism. With IP66 and wide temperature range support, SD-2020 has excellent capability for harsh outdoor environment.

2-Megapixel Sony Progressive CMOS Sensor with Super Wide Dynamic Range and High Frame Rate

AirLive SD-2020 is built-in 2-Megapixel Sony CMOS Sensor. With Sony COMS sensor, user can see smooth video with 30FPS at full HD resolution in 0.05 lux surroundings. Even thought camera is in strong back light environment, user still can see the details in the bright and dark areas.

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20X Optical Zoom and High-Speed Pan/ Tilt Mechanism

Surveillant can monitor great larger area by only one AirLive SD-2020. With 20x optical zoom, user can check any object in long distance with clear video quality. High speed pan/ tilt mechanism can help surveillant to track any unexpected stranger rapidly without a miss. Moreover, Auto Pan / Preset / Sequence / Cruise functions can secure major areas with easy settings.

Wide Temperature Range and Weather-Proof IP66 Rated.

AirLive SD-2020 can work in harsh condition. Built-in heater and great thermal conductivity design, SD-2020 can operate from -40 to 50 Celsius degree. In addition, IP66 rated housing can also protect camera from heavy rain and sand storms damages.

Easy Installation with optional 802.3at PoE or 24V AC Adapter

AirLive SD-2020 is designed with easy installation and it can be powered by two circumstances. In indoor application, SD-2020 just needs to connect to 802.3at switch (optional) for data transfer and power supply. In outdoor application or temperature below 0 degree Celsius, SD-2020 can be powered by 24V AC adapter (optional) for heater power consumption.

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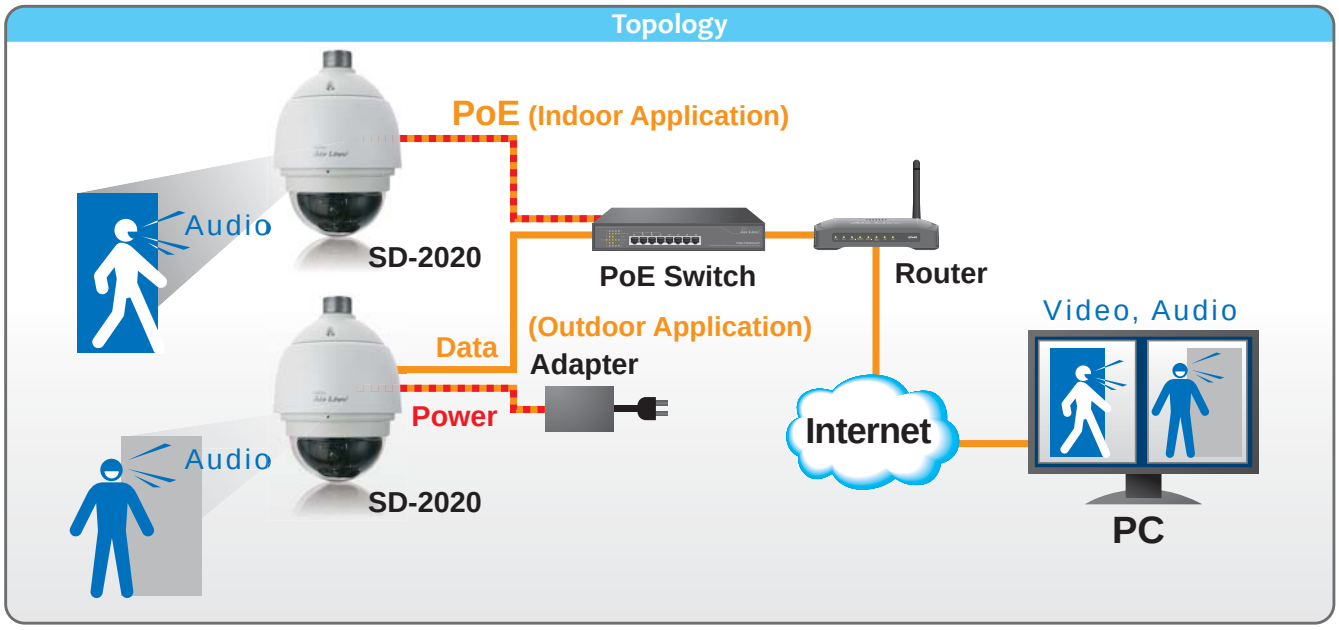
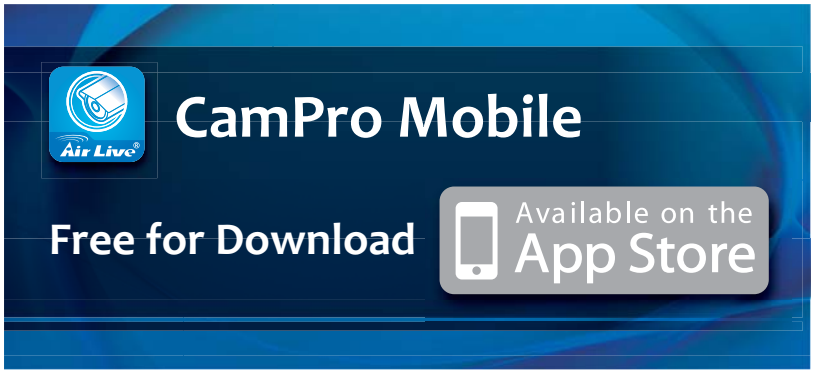


64-Channel Recording Software and IP Wizard

The surveillance software CamPro Express 64 lets user to view and record multiple live images at the same time. Using several supported Cameras with CamPro Express 64, user can easily build up a surveillance system at different environment. Moreover, SD-2020 also supports CamPro Professional, which is AirLive's intelligent video surveillance recording software. It is designed to meet most demands for professional installations. With its video analysis functions, such as tampering detection, user can build up a stable and efficient surveillance system.



APPS for iOS

AirLive has launched AirLive CamPro Mobile for iOS to support AirLive security cameras. So you can view all AirLive camera videos by using iPhone or iPad.

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Specifications

Camera

Camera Type
- Speed Dome Type

Max Resolution
- 1920X1080

Image Sensor
- 1/2.8" 2Mega Sony CMOS image sensor

Sensor Resolution
- 1920X1080

Lens Type
- CS Mount Lens
- 4.7 ~ 94 mm
- F=1.6

Night Vision
- Yes

Minimum Illumination
- 0.05 LUX

Mechanical IR-Cut Filter
- Yes

Auto Iris
- Yes

Viewing Angle
- H: Wide: 55.2°(H) @ F1.6 Tele: 5.2°(H) @ F2.8 V: Wide: 42.1°(H) @ F1.6 Tele: 2.4°(H) @ F2.8

Pan/Tile Control
- Pan Degree-0~360
- Tilt Degree--10~190°
- Preset Points-Up to256 preset point
- Camera Tour-Up to 8 tours

Video

Video Compression
- H.264 HighProfile/MainProfile/Baseline MJPEG

Video Profile
- 358

Resolution and Frame Rate
- 30FPS @ 1280 x 1024 (4:3)
- 30FPS @1024 x 768 (4:3)
- 60FPS @800 x 600 (4:3)
- 60FPS @ 640 x 480 (4:3)
- 30FPS @ 1920 x 1080 (16:9)
- 60FPS @ 1280 x 720 (16:9)
- 60FPS @ 720 x 480
- 60FPS @ 352 x 240

Streaming
- Multi-profile streaming
- Streaming over UDP, TCP, or HTTP
- M-JPEG streaming over HTTP (for non IE browser)
- Configurable frame rate and bandwidth
- Support both CBR and VBR

Image Processing
- AE, AWB
- Text, time and date OSD

Digital Zoom
- 10X

Audio

Audio Encoder
- G.711 / G.726 ADPCM / AAC

Audio Streaming
- Two-way

Audio Input/Output
- Speaker & microphone I/O port

Network

Ethernet
- 10 / 100 Mb Ethernet (RJ-45)

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PoE
- IEEE802.3at

Supported Protocols
- IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP,DHCP, PPPoE, UPnP, IGMP, SNMP, IEEE 802.1x, QoS, ONVIF

Security
- Password protection
- IP filter
- HTTPS

Users
- Up to 20 simultaneous users

LED and Button

Power LED
- Amber Color

Link/Act. LED
- Green Color/Flash Green

Reset Button
- Reboot and Factory Default (Push and Hold default button then plug in power)

General

Network Processor
- DSP Base

System ROM
- 1GB(Flash)

System RAM
- 2GB

Power Supply
- AC24V

Power Consumption
- 50 Watts Max.

Connector
- RJ-45 10BaseT/100BaseTX
- 24V AC power jack
- Audio I/O
- DIDO
- Reset button

Environment
- Operation: Temp: -40˚C ~ 50˚C Humidity: 0% ~ 90% non-condensing
- Storage: Temp: -40˚C ~ 50˚C Humidity: 0% ~ 90% non-condensing

SD card slot
- Micro SD

Dimension
- HxWxD:282.11x282.11x115 (φ)mm

System Integration

Software
- Campro Express 64,Campro Professional
- Search & Installation-IP Wizard II

Event Triggers
- Motion detection
- External input via DI interface

Motion Detection
- 10

Event handler
- FTP file upload
- E-mail alert
- HTTP
- DO (digital output) alarm

UPNP
- Yes

Application Programming Interface
- Open API for software integration
- SDK

Video Buffer
- Pre- and post- alarm buffering

Alarm Triggers
- Intelligent video motion detection and external input

Alarm Events
- File upload via FTP, email, SD card
- Notification via email, HTTP, and TCP
- External output activation
- Audio alerting output

Continuous Recording
- Yes

Viewing System

OS
- Windows VISTA / Windows XP / Windows 7

Browser
- Internet Explorer (6.0+) / Chrome / Firefox / Safari

Video Player
- VLC, Quick Time, Real Player, Core Player

Ordering Information:

AirLive SD-2020 2-Megapixel 20X Optical Zoom Speed Dome IP Camera

*** The Power Adapter and wall mount kit are optional to AirLive SD-2020.**